

Ute Griesbach et al
U.S. Serial No. 09/936,746
Docket: CU-2652
Clean Version of Amended Claims

We claim

1. Cosmetic preparations, containing
 - (a) water soluble β -(1,3) glucans, substantially free from β -(1,6) linkages, and
 - (b) chitosans.
2. Preparations according to claim 1, which contain glucans which are obtained based on yeasts from the family *Saccharomyces*.
3. Preparations according to claim 1, which contain glucans which are obtained by contacting glucans with β -(1,3) and β -(1,6) linkages with β -(1,6) glucanases, in such a way that practically all β -(1,6) linkages are loosened.
4. Preparations according to claim 3, wherein the glucans which are used, previously have been treated with glucanases based on *Trichoderma harzianum*.
5. Preparations according to claim 1, which contain chitosans with molecular weights in the area from 50 000 to 500 000 Daltons.
6. Preparations according to claim 1, which contain chitosans with molecular weights in the area from 800 000 to 1 200 000 Daltons.
7. Preparations according to claim 1, which contain carboxylated chitosans.
8. Preparations according to claim 1, which contain succinylated chitosans.

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Marked Version of Amended Claims

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[P a t e n t c l a i m s] We claim:

1. Cosmetic preparations, containing

10 (a) water soluble β -(1,3) glucans, substantially free from β -(1,6) linkages, and
(b) chitosans.

2. Preparations according to claim 1, **[characterised by that they] which**

contain glucans which are obtained based on yeasts from the family

15 *Saccharomyces*.

3. Preparations according to **[claim 1 and/or 2, characterised by that they]**

claim 1, which contain glucans which are obtained by contacting glucans with

β -(1,3) and β -(1,6) linkages with β -(1,6) glucanases, in such a way that practically
20 all β -(1,6) linkages are loosened.

4. Preparations according to claim 3, **[characterised by that] wherein the**

glucans **which** are used, **[which]** previously have been treated with glucanases
based on *Trichoderma harzianum*.

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5. Preparations according to **[at least one of the claims 1 to 4,**

characterised by that they] claim 1, which contain chitosans with molecular
weights in the area from 50 000 to 500 000 Daltons.

30 6. Preparations according to **[at least one of the claims 1 to 4,**

characterised by that they] claim 1, which contain chitosans with molecular
weights in the area from 800 000 to

1 200 000 Daltons.

9. Preparations according to claim 1, which contain

- (a) 0.01 to 25 % by weight of water soluble β -(1,3) glucans, which are substantially free from β -(1,6) linkages, and
- (b) 0.01 to 5 % by weight of chitosans,

provided that the stated amounts are supplemented with water as well as optionally other auxiliaries and additional agents up 100 % by weight.

10. Use of mixtures containing

- (a) water soluble β -(1,3) glucans, which are substantially free from β -(1,6) linkages,
- (b) chitosans,

for manufacturing of cosmetic preparations.

7. Preparations according to [at least one of the claims 1 to 6, characterised by that they] claim 1, which contain carboxylated chitosans.

8. Preparations according to [at least one of the claims 1 to 7, 5 characterised by that they] claim 1, which contain succinylated chitosans.

9. Preparations according to [at least one of the claims 1 to 8, characterised by that they] claim 1, which contain

(a) 0.01 to 25 % by weight of water soluble β -(1,3) glucans, which are 10 substantially free from β -(1,6) linkages, and

(b) 0.01 to 5 % by weight of chitosans,

provided that the stated amounts are supplemented with water as well as optionally other auxiliaries and additional agents up 100 % by weight.

15 10. Use of mixtures containing

(a) water soluble β -(1,3) glucans, which are substantially free from β -(1,6) linkages,

(b) chitosans,

for manufacturing of cosmetic preparations.